

NOVEMBER/DECEMBER 2024

**CMB61 — MEDICAL VIROLOGY AND  
PARASITOLOGY**

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define prions.
2. Define infection.
3. What does the H and N stand for in H 1 N 1?
4. What is the shape of Rabies virus?
5. What is the symmetry of nucleocapsid of poxviruses?
6. What are inclusion bodies?
7. Expand PVA fixative.
8. Define parasite.
9. Define sporocyst.
10. Define pathogenicity.



**PART B — (5 × 5 = 25 marks)**

Answer ALL questions.

11. (a) Enumerate the properties of viruses.

Or

- (b) Write a brief note on viroids.

12. (a) Comment on dengue fever.

Or

- (b) Explain the symptom and diagnostic features for a person affected with polio virus,

13. (a) Give an account on the pathogenicity and lab diagnosis of Adeno virus.

Or

- (b) Give concise note on morphology and pathogenicity of Herpes simplex virus.

14. (a) Describe about the classification of parasites.

Or

- (b) Explain briefly about the collection and process faecal specimens for diagnosis of parasite infection.

15. (a) Give an account on pathogenesis of Hydatidosis. Add a note on its control measures.

Or

- (b) Write about Schistosomiasis.

**PART C — (3 × 10 = 30 marks)**

Answer any THREE questions.

16. Explain the principles and methods of ELISA in diagnosis of viral disease.

17. Discuss about Hepatitis B virus.

18. Write an essay on viral vaccines.

19. Describe in detail the life cycle of Entamoeba histolytica.

20. Write elaborately about the life cycle and pathogenesis of Ascaris lumbricoides.
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